



**SEND CONFIRMATIONS TO...**

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**"I will \_\_\_\_ / will not \_\_\_\_ attend G12 Meeting 106"**

**Name:** \_\_\_\_\_

**Company:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**E-mail:** \_\_\_\_\_

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## MEETING SCHEDULE

G-12 Solid State Devices Committee Meeting No. 106  
Columbus, OH / September 18-21, 2000

### REGISTRATION FEE

\$50.00 for G-12 members, G-12 guests, and government attendees to defray the cost of meeting rooms, audio-visual, and refreshments. Make checks payable to "EIA"

Not applicable to JEDEC Members

## MEETING SCHEDULE

### TIME

### LOCATION

#### **MONDAY SEPTEMBER 18**

G-12 RF Subcommittee	1:00pm to 2:00pm
G-12 TG G9806 DMS Best Practices	2:00pm to 3:00pm
G-12 9901 Thermal Transient Imp & Delta VF Rewrite	3:00pm to 4:30pm
G-12 TG G9701 Power Devices	4:30pm to 6:00pm
G-12 TG G9705 PIND	6:00pm to 8:00pm
G-12 TG G9703 PEM Procurement	6:00pm to 8:00pm

#### **TUESDAY SEPTEMBER 19**

G-12 Committee Meeting	8:00am to 5:00pm
G-12 TG G9401 Key Parameters	5:00pm to 7:00pm
PEM Subcommittee	6:00pm to 9:00pm

#### **WEDNESDAY SEPTEMBER 20**

JC-13 / G-12 New Member Orientation	8:00am to 9:00am
JC-13.2 / G-12 Committee Meeting	9:00am to 12:00pm
G-12 TG G9905 PEM Radiation Issues (in conjunction with JC-13.4)	11:00am to 12:00pm
JC-13.1 / G-12 Committee Meeting	1:00pm to 5:00pm
Space Parts Subcommittee	5:00pm to 7:00pm

#### **THURSDAY SEPTEMBER 21**

JC-13.5 / G-12 Committee Meeting	8:00am to 10:00am
<b>G-12 Technical Forum</b>	10:00am to 12:00pm
JC-13 / G-12 Meeting	1:00pm to 5:00pm

#### **G-12 Technical Forum:**

- British National Space Centre (BSNC) Radiation Handbook and Radiation Database  
B. Hymers, BSNC

#### **Presentations:**

- To be announced



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**DRAFT**

M. Cooper  
M. Cooper  
M. Cooper  
J. Farsa  
M. Cooper

1. Call to Order / Introductions
2. Meeting Minutes Approval
3. Correspondence
4. Membership
5. Agenda Review & Priorities
6. LIAISON REPORTS
  - 6.1 DSCC-VAT / VQE - Discretes A. Barone / T. Hood
  - 6.2 JC 13.1 (Semiconductors) D. Fields
  - 6.3 DSCC-VAS - Microcircuits R. Monnin / M. Poelking
  - 6.4 DSCC-VQC - QML Program M. Adams
  - 6.5 JC 13.2 (Microcircuits) B. Rhoton
  - 6.6 Semiconductor Industry Assoc. Government Procurement Committee B. Hagerty
  - 6.7 DSCC-VAT / VQH - Hybrids / MCMs / PWBs M. Jones / J. Schneider
  - 6.8 JC-13.5 (Hybrids / MCMs) R. Narasimhan
  - 6.9 DSCC-VSC - Parts Support Management W. Johnson
  - 6.10 JC 13.4 (RHA & Characterization) R. Brown / M. Maher
  - 6.11 JC 11 (Mech Stds) R. Krause
  - 6.12 JC 14 (Q&R of Solid State Products) N. Lycoudes
  - 6.13 JC 22 (Diodes) P. Haxton
  - 6.14 Defense Microcircuit Planning Group (DMPG) G. Saunders (DSPO)
  - 6.15 Aerospace Corporation J. I. Cotton / M. Cohen
  - 6.16 NASA/JPL A. Sharma / D. Peters
  - 6.17 ITTRI Reliability Analysis Center (RAC) J. Reilly / D. Dylis
  - 6.18 Army D. Locker
  - 6.19 Navy T. Davidson / R. Hone
  - 6.20 Defense Microelectronics Activity (DMEA) R. Shimazu
  - 6.21 Government / Industry Data Exchange Program (GIDEP) W. Pumford
  - 6.22 European Space Agency (ESA/ESTEC) J. Källberg
  - 6.23 National Space Development Agency of Japan (NASDA) S. Kuboyama
  - 6.24 International Electrotechnical Commission R. Thomas
  - 6.25 Automotive Electronics Council G. Servais
  - 6.26 GEIA Systems, Standards & Technology Council C. Denham

Updated 7.17.2000



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- 6.27 British National Space Centre (BSNC) / Directorate of Standardization (DSTAN) R. Hymers
- 6.28 STACK International J. Scalise
- 6.29 Defense Semiconductor Association (DSA) T. Chakrapurakal
- 6.30 G-11 Component Parts Committee H. Livingston
- 6.31 G-12 Steering Committee M. Cooper
- 6.32 G-12 PEM Subcommittee J. Tarsa
- 6.33 G-12 Space Parts Subcommittee J. Knott
- 6.34 G-12 RF /  $\mu$ Wave Subcommittee J. Nirschl
- 6.35 G-12 Hybrid / MCM Subcommittee R. Thomas
7. G-12 TASK REPORTS
- 7.1 STG94-01 MIL-PRF-19500, Key Parametric Control J. Knott
- 7.2 STG95-04 RGA Issues (JC TG 97-02) J. Knott
- 7.3 STG97-01 Discrete Power Devices Standardization J. Knott
- 7.4 PTG97-03 Procurement of PEMs B. Tawfello
- 7.5 G97-05 PIND Test Study C. Kaplan
- 7.6 G98-01 Life Test & Burn-In Criteria for Semis To Be Assigned
- 7.7 G98-03 Design Guide for Satellite Parts J. Knott / M. Porter
- 7.8 G99-01 Thermal Transient Imp & Delta  $V_F$  Rewrite E. Sullivan
- 7.9 PTG99-03 PEM Guideline for Environment J. Tarsa
- 7.10 PTG99-05 PEM Radiation Issues W. Hubbell
- 7.11 G99-06 DMS Management Best Practices H. Livingston
- 7.12 G99-07 SMT Device Test Method 2103 (CTE Mismatch) V. Singleton
- 7.13 G99-08 Hybrid Resistance to Soldering Heat W. Hubbell
- 7.14 G00-01 Glass Strain J. Knott
- 7.15 PTG00-02 PEM Post Environmental Test Pass/Fail Criteria J. Knott
- 7.16 PTG00-03 G12 Position on IEC/AWG PEM Specifications F. Crull
- 7.17 PTG00-04 SSB-1 Tutorial J. Tarsa / H. Livingston
- 7.18 PTG00-05 Coordinate PEM Testing with NWSC J. Tarsa / J. Knott
8. OLD BUSINESS
9. SOLID STATE SPECS AND STDS
- 9.1 MIL-HDBK-983: Substitution List for Micros. To Be Assigned
- 9.2 [MIL-STD-750](#): Test Methods for Semis. To Be Assigned



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- 9.3**     [MIL-HDBK-5961](#): List of Standard Semis.     K. Finney
- 9.4**     [MIL-STD-1835](#): Microcircuit Pkg. Outlines     V. Singleton
- 9.5**     [MIL-HDBK-179](#): Microcircuit Application Handbook     S. Digan
- 9.6**     [MIL-HDBK-103](#): List of SMDs     F. Laracuente
- 10.**     RELATED DOCUMENTS AND ISSUES
- 10.1**     [MIL-HDBK-965](#) / [MIL-HDBK-454](#)     B. Tawfello
- 10.2**     DMS Strategies     B. Tawfello
- 10.3**     Electro Static Discharge Control Program     K. Finney
- 10.4**     Solderability (IPC specs and related)     V. Singleton
- 10.5**     VHDL Program Status     R. Froman
- 10.6**     GaAs New Name     F. Crull
- 10.7**     Solid State Devices in other FSC's     J. Knott
- 11.**     NEW BUSINESS / PRESENTATIONS     M. Cooper
- 11.1**     Presentations
- 11.2**     Future Meetings
- 11.3**     Officer Elections
- 12.**     CONCLUSION